



Landscape Services

Safety Standard Operating Procedure

(Revised 1/2023)

Plowing

This SSOP provides guidance on the safe operation for plowing snow with a directional blade. As with any equipment or tools, the most basic premise for safe operation is reading and adhering to the manufacturer's instructions and warnings. This SSOP is not a substitute for the owner's manual produced by the manufacturer.

Schedule: Seasonal

PPE Requirements: Hard hat, high vis safety vest, ear plugs, safety glasses, warning signage, pants, closed toe shoes, winter clothing, yak-trax.

Safety Requirements: Watch for slippery conditions. Use extreme caution and be weather temperature alert. Proper use of PPE and Winter clothing. Equipment maintenance and inspection for proper operation. Follow all traffic laws. Watch for pedestrians, vehicles, and objects.

Safety Hazards: Vehicle and pedestrian traffic, slips and falls, chemical exposure, overhead Utilities, lifting, bending, overhead objects, dust, noise, sharp objects, blind spots, equipment malfunction, pinch points, vehicle sliding, cold to freezing temperatures, and inclement weather.

Pre-inspection

1. Thorough walk around vehicle inspection of tires and lights. Check tire pressure with a gauge.
2. Check all fluids. On both truck and sand attached equipment.
3. Check plow for any broken pins or hoses.
4. Check attachments such as sand spreader for proper tie down. (Secure ratchet straps)
5. Check blade cutting edge on plow for excessive wear.
6. Check plow for any loose or missing blade bolts.
7. Check blade corners for marking flags. Replace with caution tape if needed.

In Cab inspection

1. Start sand spreader and set proper throttle position (choke off) before starting truck
2. Start truck and turn on plow control. Light on controller will indicate powered on.
3. Plow should be straight with the front of the truck during normal driving in the up position.
4. Check plow functions, up- down, left- right, float mode.

Operation

1. Run streets working from center line to outer curb. This may take several passes to complete.
2. Plow should be turned to the right pushing snow towards the edge of the road.

Buddy plow

- This is the process in working in a uniform V with other trucks to clear an area. First truck at center line, second connects to what first truck left with left edge of blade and pushes further to the side.



Do not's

1. Bury fire hydrants
2. Plow snow up behind parked vehicles
3. Try to plow a gravel surface

Sand

1. Full gate open- Hills, bridges, and intersections. 100' before and 50' after
2. Half gate open- parking lots and ADA parking
3. Run center line covering two lanes at once.

4. Sand back over plowed areas

Salt/ Ice melt

1. Temperature ranges of the products.
2. Salt is corrosive and only use for icy conditions when Ice melt is not working.
(Such as north sides of buildings where the sun never sees)
3. Do not throw ice melt or salt into planting beds. Keep your distance from edge of roadway.
4. Both are designed to cut material loose and then plow it off.
5. Secondary applications may need applied and plowed over again.

End of Day cleanup

1. Empty sand spreaders if being parked outside
2. Wash thoroughly to get rid of chemicals that cause corrosion.
3. Trucks and sand spreaders should be full of fuel
4. Empty all trash
5. Clean mirrors and windows to have ready for the next day.
6. Sand spreader secondary fuel tanks refilled and put into proper storage.